



National Pollution Prevention
Roundtable's *2025 Safer Chemistry
Challenge Program*

New Jersey Strategic Planning Webinar
May 24, 2012

Overview



- Overview of National Pollution Prevention Roundtable
- Purpose of the Safer Chemistry Challenge Program
- Program components
- Benefits of reducing chemical hazards
- Resources

National Pollution Prevention Roundtable

- Largest membership organization devoted to pollution prevention advocacy
- Focus on source reduction (or reducing or eliminating pollution and waste at the source)
- 25 years of service
- Includes representatives of government, academia and industry
- Provides forum for information exchange, training, policy development, partnerships and recognition



2025 Safer Chemistry Challenge Program



□ Program Goal

- Encourage, assist and recognize businesses and others that reduce the use of chemicals of concern to human health and the environment

□ Core Elements

- Voluntary and collaborative

- Focus on hazardous chemicals
- Pollution prevention (or source reduction) emphasis
- Reductions must be achievable, measurable and verifiable

Program Objectives and Approaches

- Reduction target :
25% by 2025

- Two interim goals:

- 10% 2015

- 20% 2010

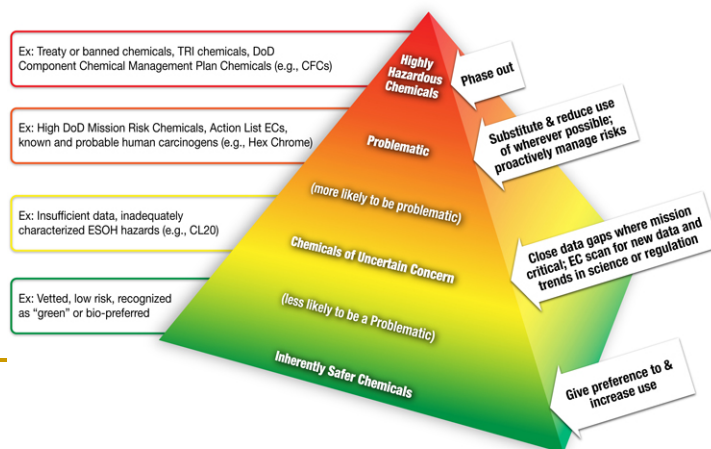
- Baseline year of
2010

- Source reduction
approach:

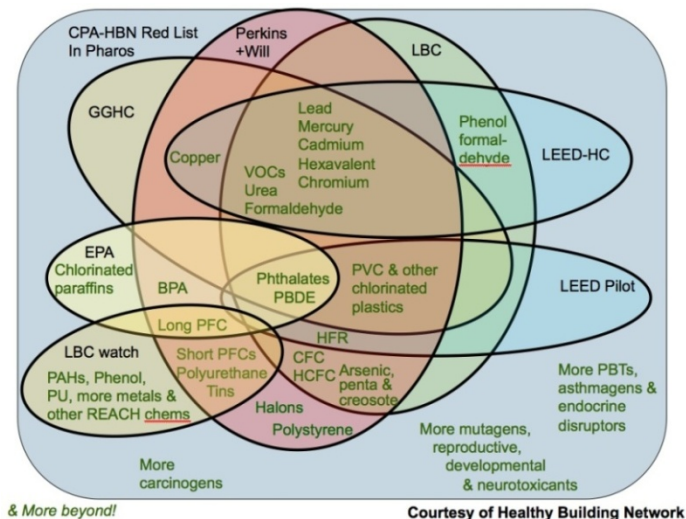
- Reduce the use or
generation of
hazardous substances
at the source:

- Through the use of safer
chemicals in production
processes

- Through product or
process redesign

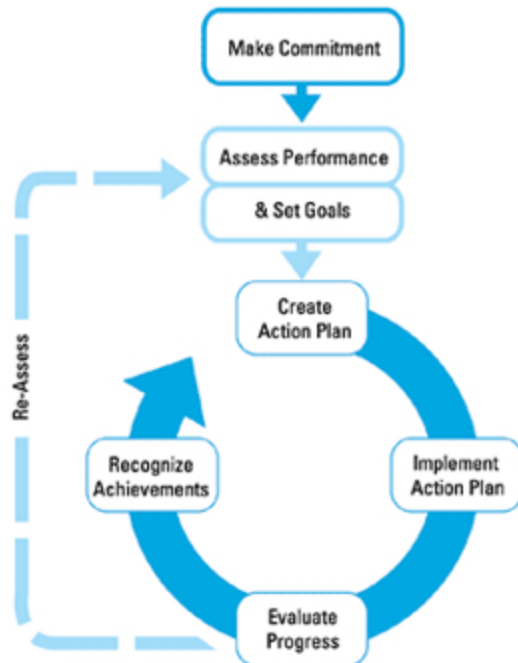


Targeted Chemicals



- Target a minimum of 5 chemicals of concern. For example:
 - Persistent
 - Bioaccumulative
 - Hazardous properties
 - Impact on human health or environment
- Any mix of chemicals from:
 - Chemical priorities that are of significance to your company and/or
 - NPPR States List of Priority Chemicals

Steps to Participate



- Complete application and sign commitment form
- Develop and implement an action plan
- Partner with state or local technical assistant provider to help identify safer alternatives
- Report results
- Get recognition and communicate achievements

Potential Benefits of Reducing Chemical Use

- Prevent exposure to chemical hazards
- Lower costs
- Enhance customer, shareholder and employee loyalty
- Increase market share through innovation
- Meet public demand for chemical transparency and safer alternatives
- Anticipate new regulatory developments



SCCP Technical Advisory Panel

□ Responsibilities:

- Assist in identifying the barriers to safer product design and production processes
- Identify potential solutions as industry transitions to safer alternatives
- Provide input on implementation of the SCCP

□ Current Members

- Barbara Hanley, Hewlett Packard
- Gabe Wing, Herman Miller
- Roger McFadden, Staples
- Teresa McGrath, NSF International
- Paul Richard, Babcock Warner Institute
- Al Innes, MN Pollution Control Agency

Tools and Resources

- Resources:
 - Sample action plan
 - Success story template
- Webinars, training & conferences:
 - GreenScreen, EPA DfE
 - Case studies
- Technical assistance network:
 - SCCP Alliance members in Great Lakes states: IL, IN, MN, MI, WI, OH, NY
- Recognition – national and state



September 2005

www.epa.gov/dfe

EPA 142-F-05-001

Technical Assistant Partners



- Great Lakes Regional Pollution Prevention Roundtable
- P2Rx Centers
- Clean Production Action
- New York State Pollution Prevention Institute
- Solid and Hazardous Waste Education Center (WI)

Special Focus: Great Lakes Basin

- Funding support from U.S. EPA's Great Lakes Restoration Initiative over three years
 - Goal: Advance the adoption of safer chemicals in the manufacture and use of products
- Activities
 - Recruit 100 industry members
 - Deliver six GreenScreen training workshops
 - May 8, 2012, Ann Arbor
 - Nov 15, 2012, Chicago
 - Webinar series (spring and fall)



Fee Structure

□ Individual Facilities

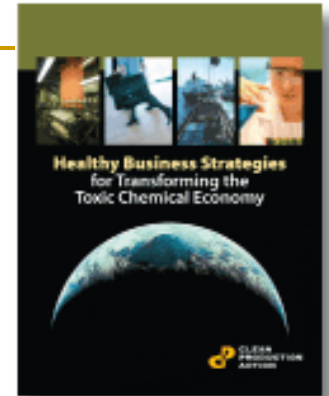
- 0-100 employees: \$500
- 101- 499 employees: \$800
- 500+ employees: \$1,500

□ Multiple Facilities

- 2- 5 facilities: \$2,000
- 6-10 facilities: \$3,000
- 11+ facilities: \$5,000

Special note: No fee for industries in the Great Lakes Basin during GLI grant

Excerpts from Dell's Chemicals Use Policy



□ Chemical Policy:

- Identify substances of concern with consideration for legal requirements, international treaties and conventions, specific market demands, and by the following criteria:
 - Substances with hazardous properties that are a known threat to human health or the environment
 - Substances with hazardous properties that show strong indications of significant risks to human health or the environment

- Substances with hazardous properties that are known to biopersist and bioaccumulate in humans or the environment

□ Restricted Materials (in certain applications):

- 13 restricted substances

□ Reduction Goals:

- 2002: Reduce use of PBBs and PBDEs in all products
- 2006: Reduce bromine in display products by 30%
- 2015: Reduce brominated flame retardants in all products

Contact Information



□ NPPR

- www.p2.org/category/challenge/
- saferchemistry@gmail.com

□ SCCP Co-Project Manager

- Cindy McComas
mccom003@umn.edu

